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## Typical Product Specifications & Properties

# Behenic Fatty Acids

CAS Number: : 204-010-8

Specifications	Limits
Molecular weight	370.57
EINECS	204-010-8
Melting Point	72-80 &deg;C
Storage Temperature	2-8&deg;C
Boiling Point	306 &deg;C (60 mmHg)
Molecular weight	421.41
EINECS	200-800-1
SMILES	<chem>c1ccc(cc1)CC2Nc3cc(c(cc3S(=O)(=O)N2)S(=O)(=O)N)C(F)(F)F</chem>
InChI	HDWIHXWEUNVBIYUHFFFAOYSA-N
InChIKey	1S/C15H14F3N3O4S2/c16-15(17,18)10-7-11-13(8-12(10)26(19,22)23)27(24,25)21-14(20-11)6-9-4-2-1-3-5-9/h1-5,7-8,14,20-21H,6H2,(H2,19,22,23)
Melting Point	221-223 &deg;C
Henry's Law Constant	5.51E-12 atm-m <sup>3</sup> /mole



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Specifications	Limits
Water solubility	108 mg/L
Atmospheric OH Rate Constant	2.13E-10 cm <sup>3</sup> /molecule-sec
pKa Dissociation Constant	8.5
log P (octanol-water)	1.89
Vapor Pressure	8.44E-12 mm Hg
Chemical Structure	 86449 86449_behenic-fatty-acids.png chemical structure



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